FIG.1

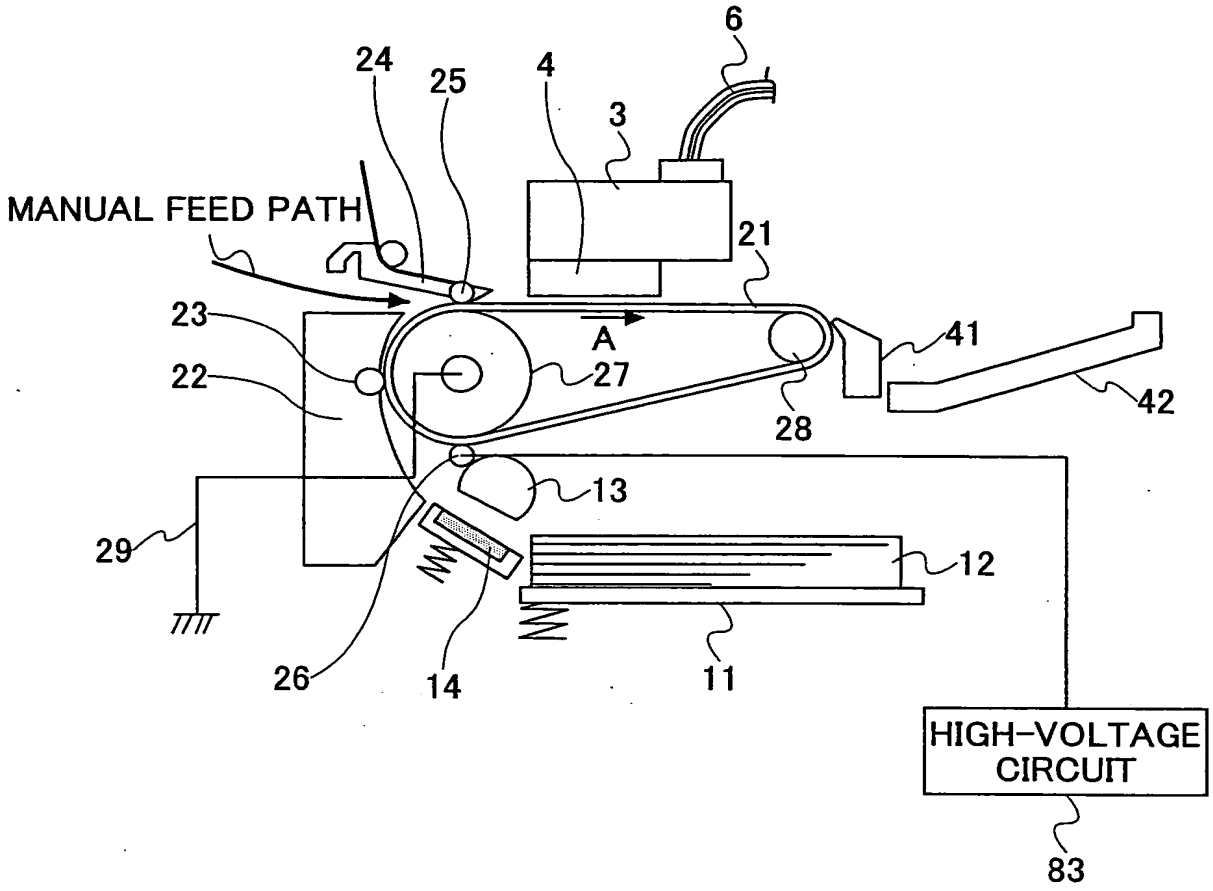

6
24
25
4
3
MANUAL FEED PATH
21
23
A
41
22
27
42
28
13
29
12
26
14
11
HIGH-VOLTAGE CIRCUIT
83

FIG.2

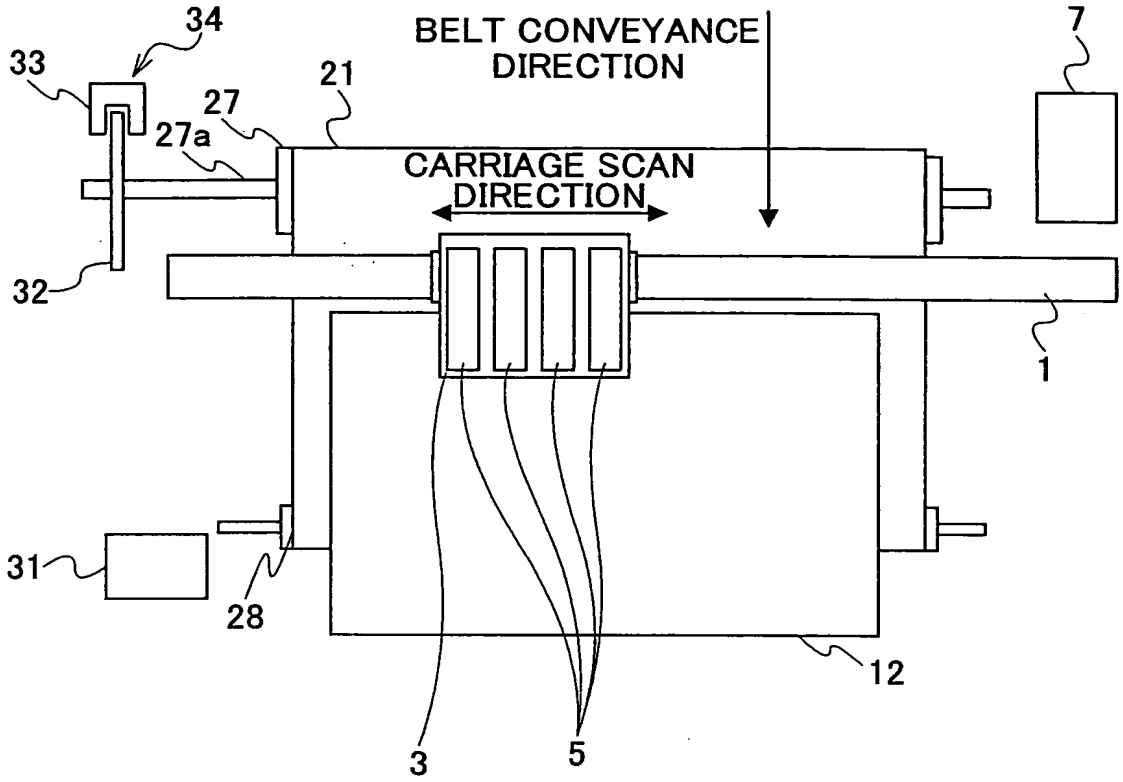

34
33
27
21
27a
BELT CONVEYANCE DIRECTION
7
CARRIAGE SCAN DIRECTION
32
1
31
28
12
3
5

FIG.3

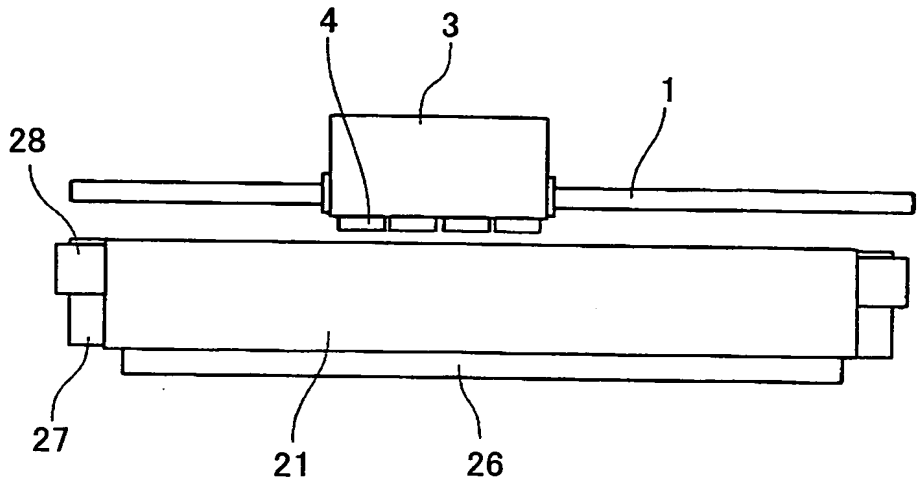


FIG.4

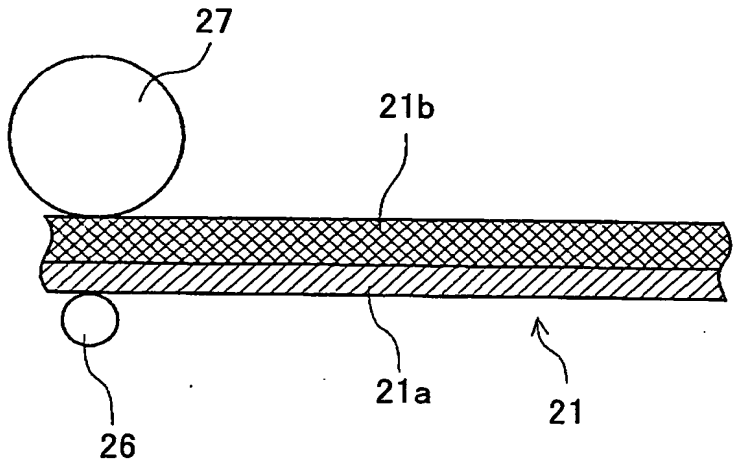


FIG.5

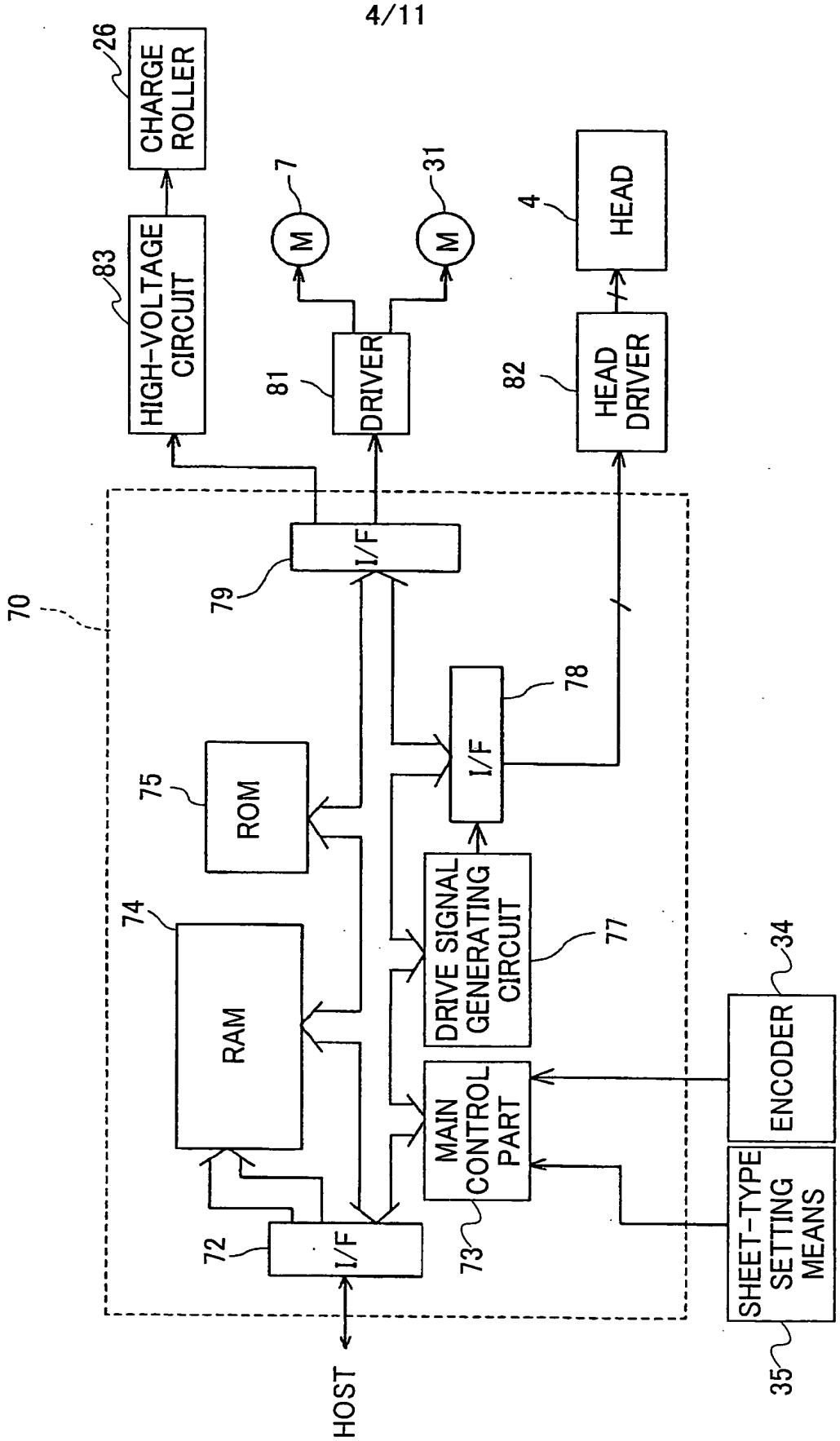

HOST
70
72
I/F
74
RAM
75
ROM
73
MAIN CONTROL PART
77
DRIVE SIGNAL GENERATING CIRCUIT
78
I/F
79
I/F
81
DRIVER
82
HEAD DRIVER
83
HIGH-VOLTAGE CIRCUIT
26
CHARGE ROLLER
7
M
31
M
4
HEAD
34
ENCODER
35
SHEET-TYPE SETTING MEANS

FIG.6

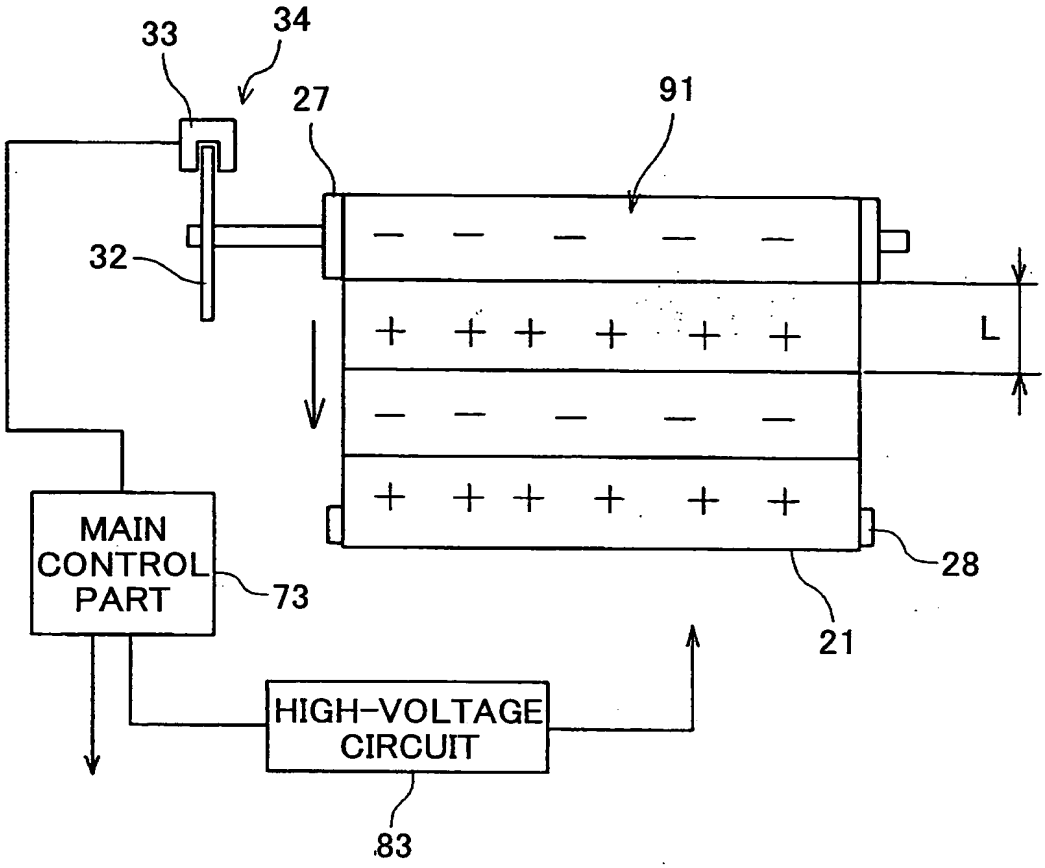

33
34
27
91
32
L
MAIN CONTROL PART
73
28
21
HIGH-VOLTAGE CIRCUIT
83

FIG.7A

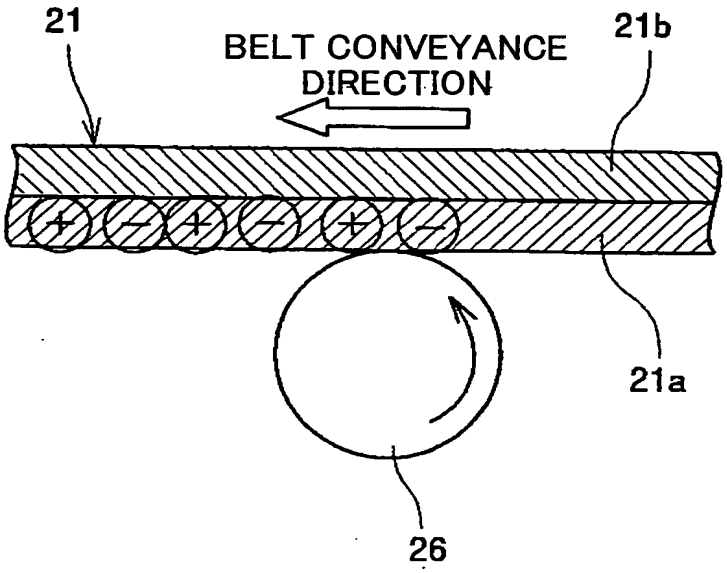

21
BELT CONVEYANCE DIRECTION
21b
21a
26

FIG.7B

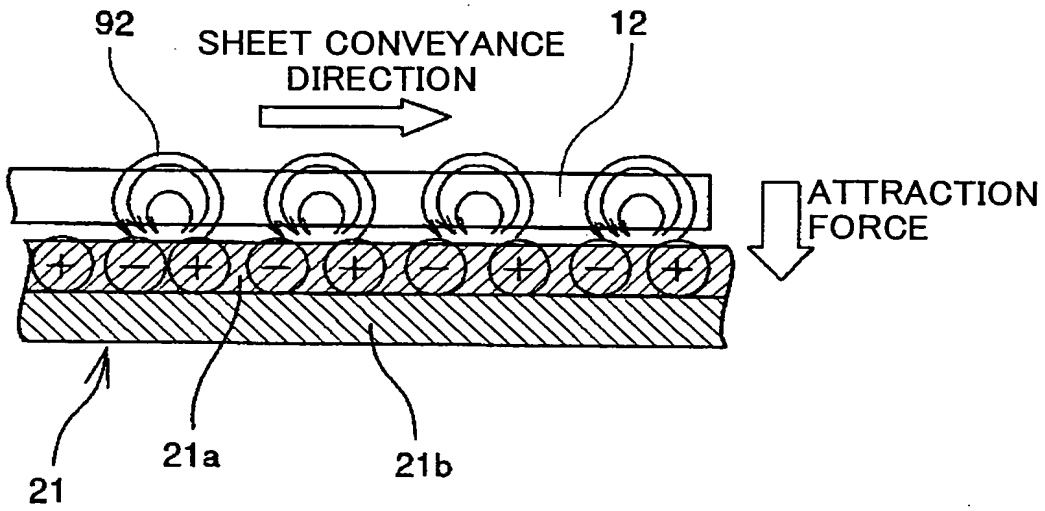

92
SHEET CONVEYANCE DIRECTION
12
ATTRACTION FORCE
21
21a
21b

FIG.8

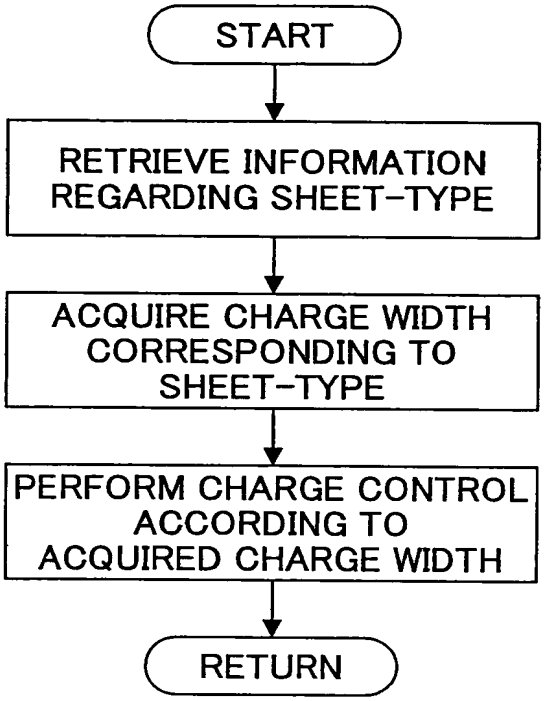

START
RETRIEVE INFORMATION REGARDING SHEET-TYPE
ACQUIRE CHARGE WIDTH CORRESPONDING TO SHEET-TYPE
PERFORM CHARGE CONTROL ACCORDING TO ACQUIRED CHARGE WIDTH
RETURN

FIG.9

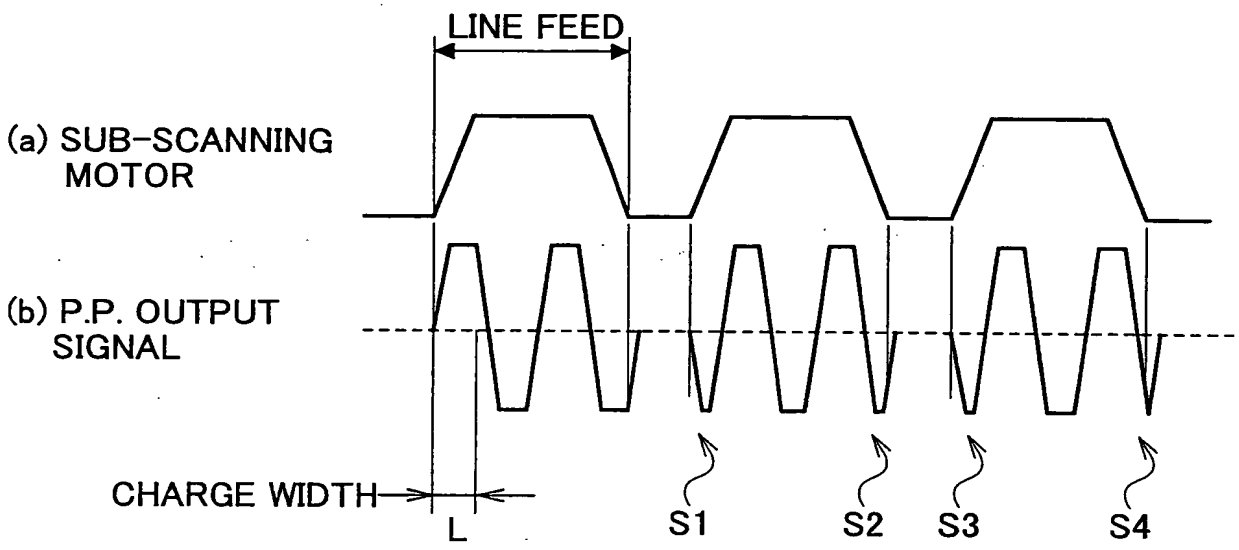

LINE FEED
(a) SUB-SCANNING MOTOR
(b) P.P. OUTPUT SIGNAL
CHARGE WIDTH
L
S1
S2
S3
S4

FIG.10

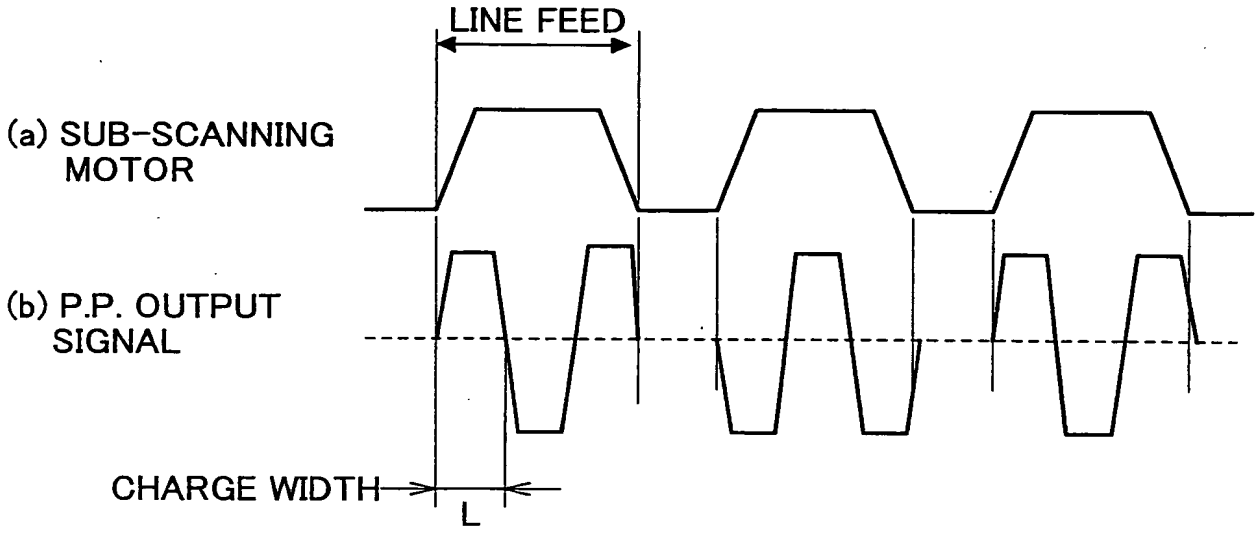
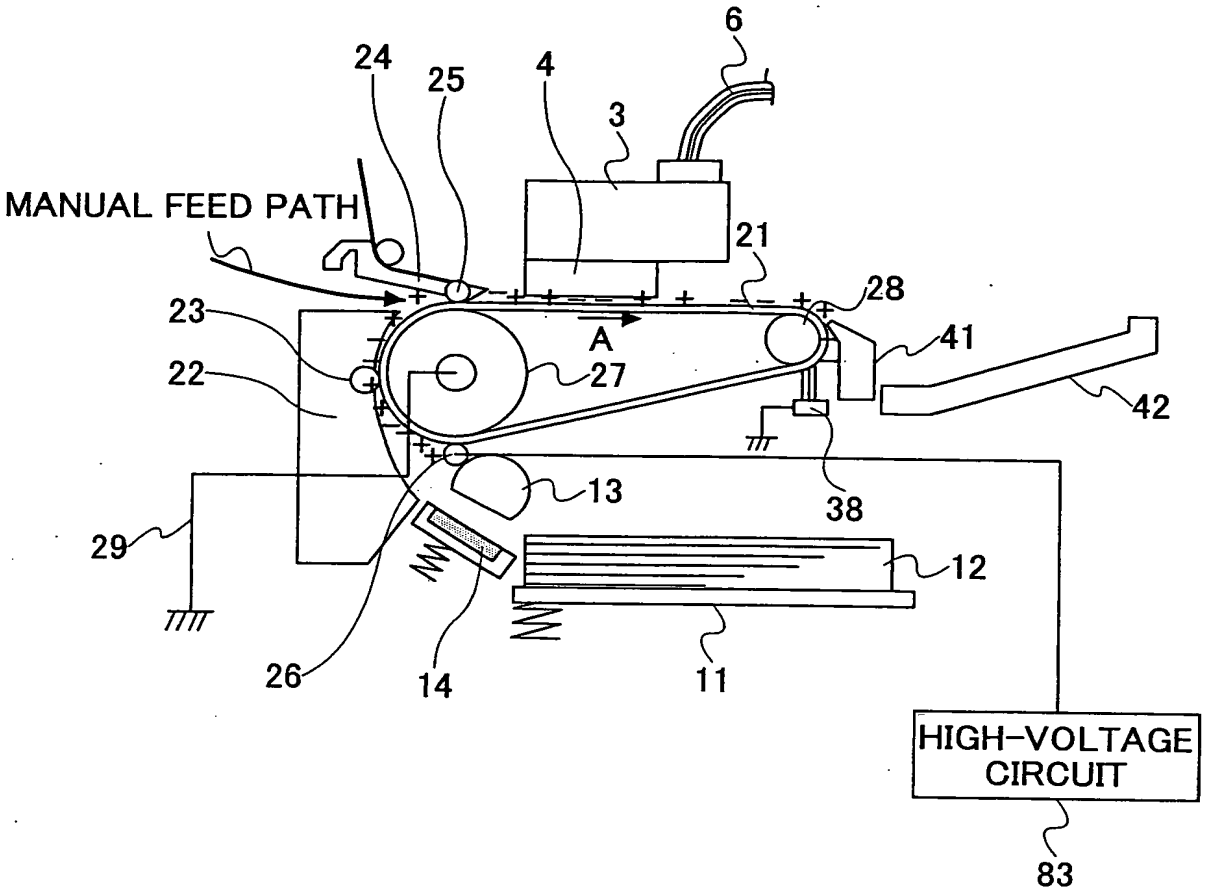

LINE FEED
(a) SUB-SCANNING MOTOR
(b) P.P. OUTPUT SIGNAL
CHARGE WIDTH
L

FIG.11


6
24
25
4
3
MANUAL FEED PATH
21
28
23
A
41
22
27
42
13
38
29
12
26
14
11
HIGH-VOLTAGE CIRCUIT
83

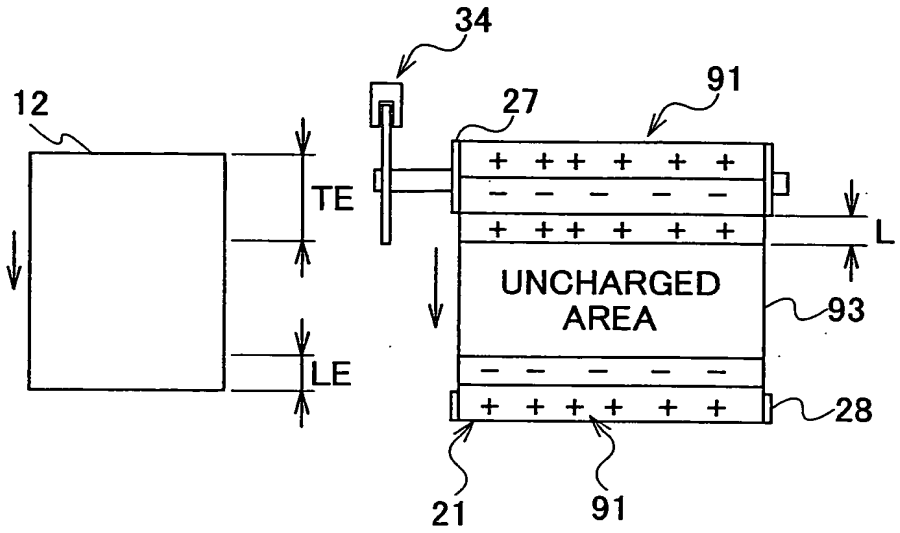



FIG.12